

APPROPRIATELY  
 BY CLERK  
 CRAFTSMAN  
 MAY 23 2003  
 PATENT & TRADEMARK OFFICE

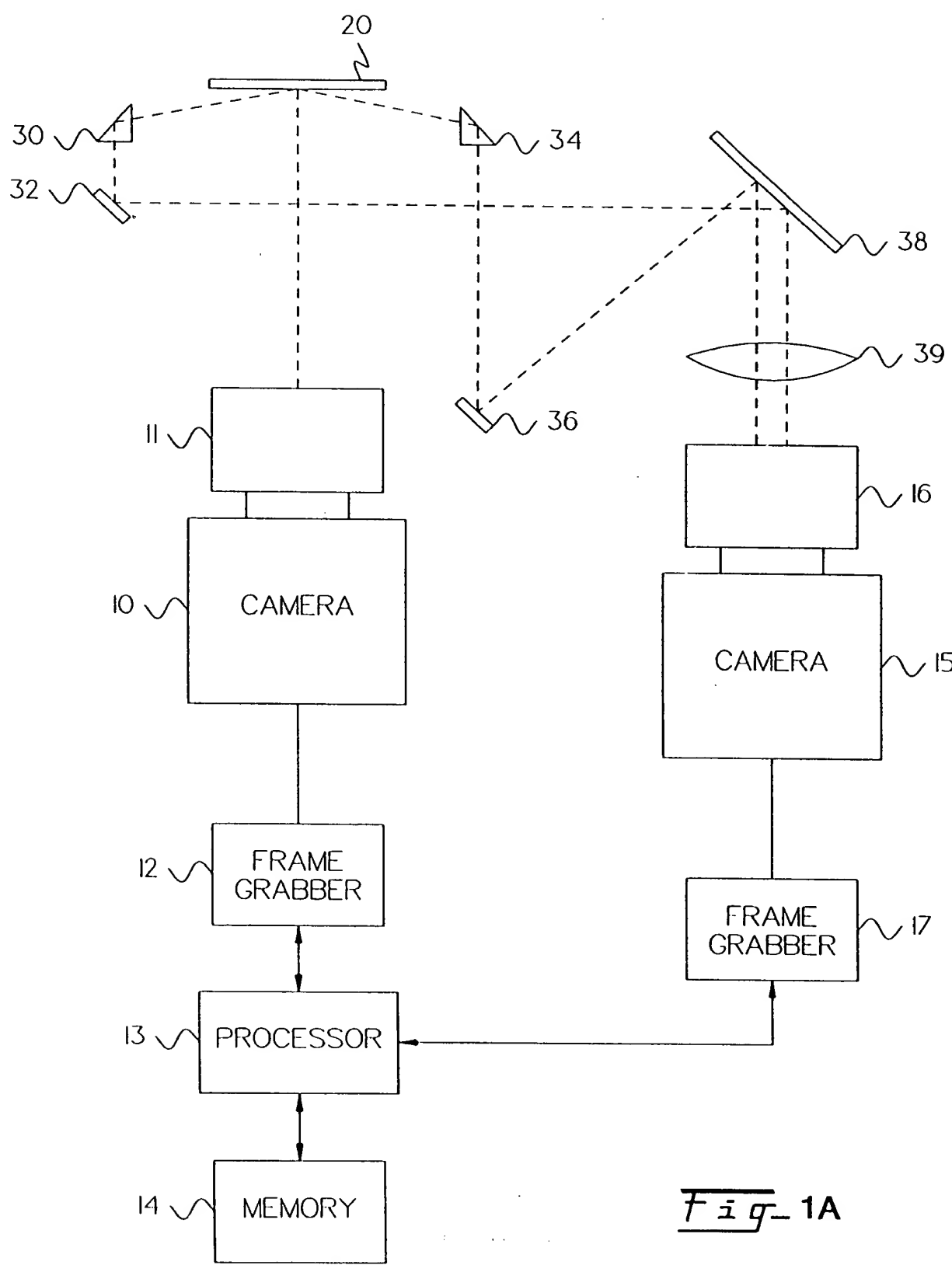


Fig- 1A

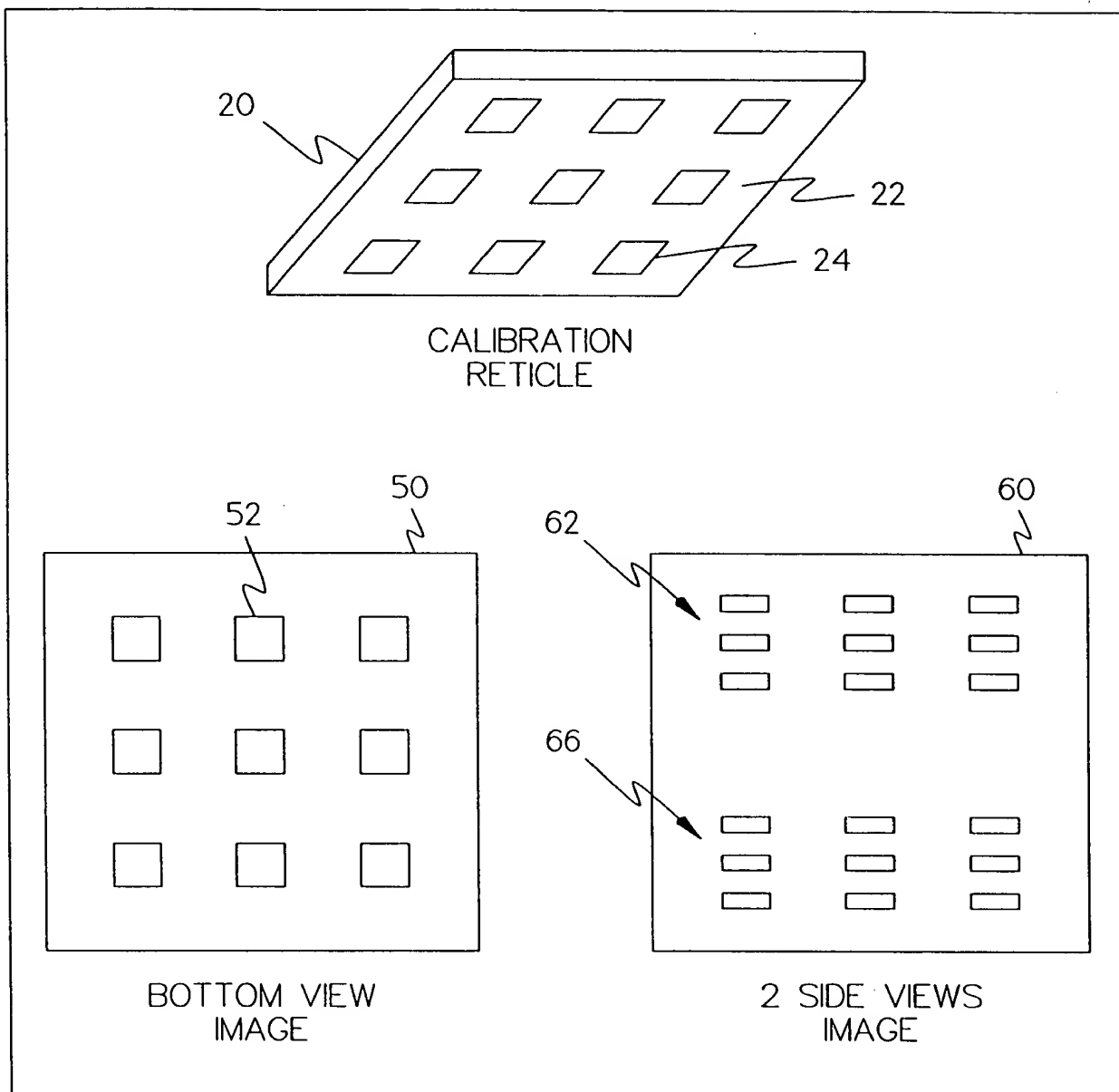


Fig. 1B

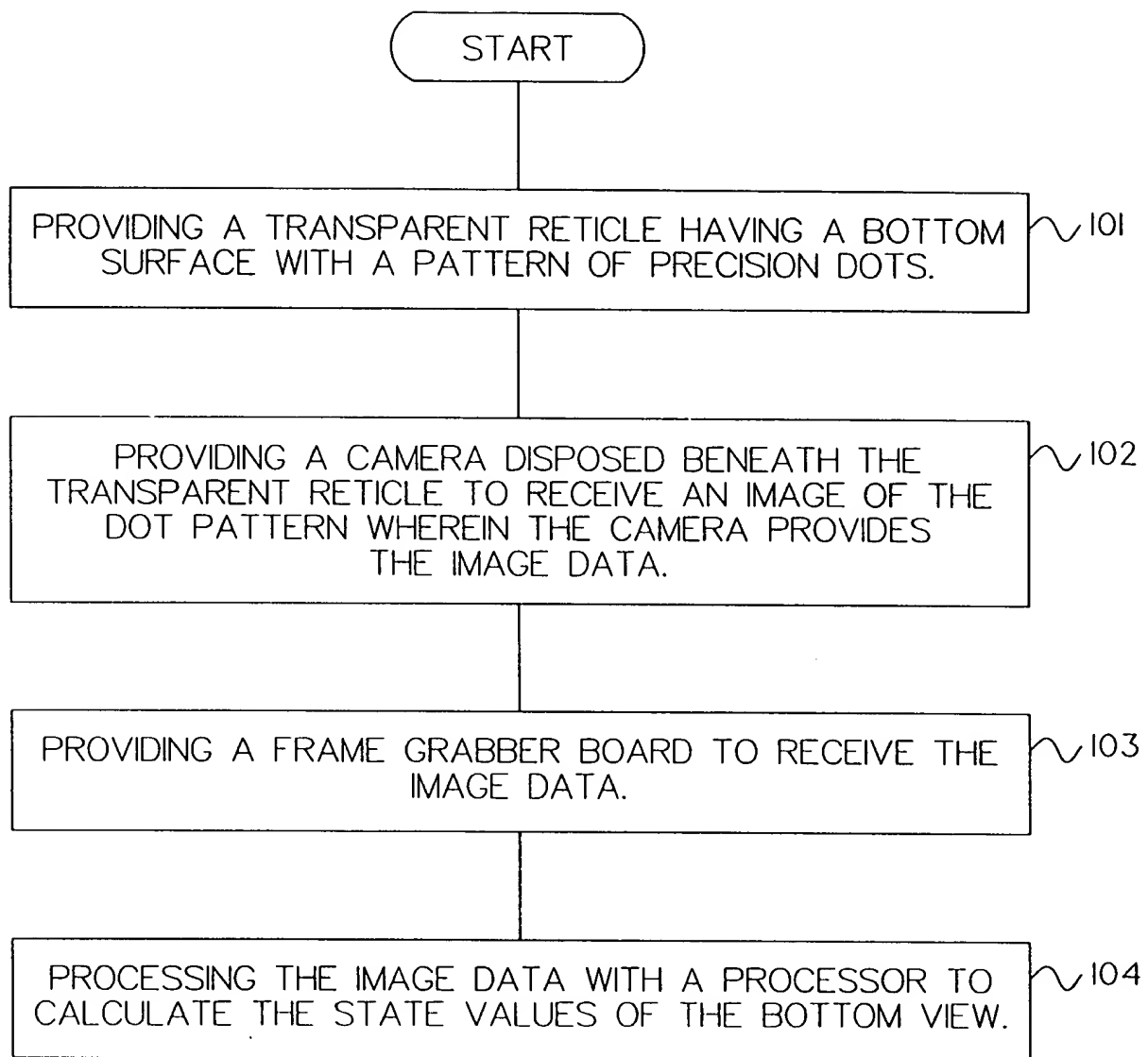


Fig. 2A

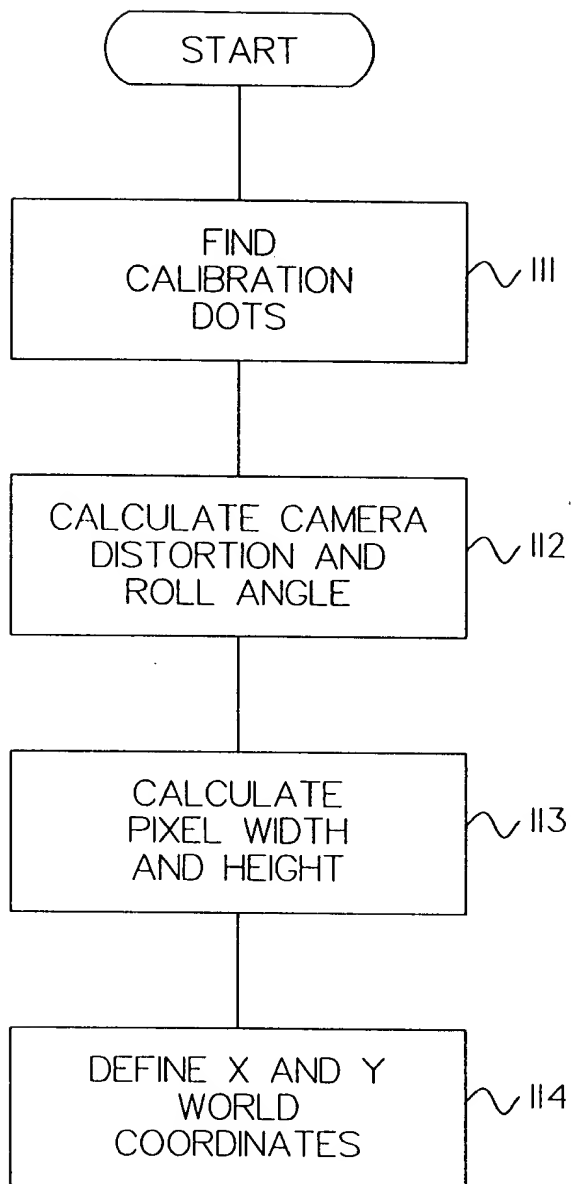


Fig- 2B

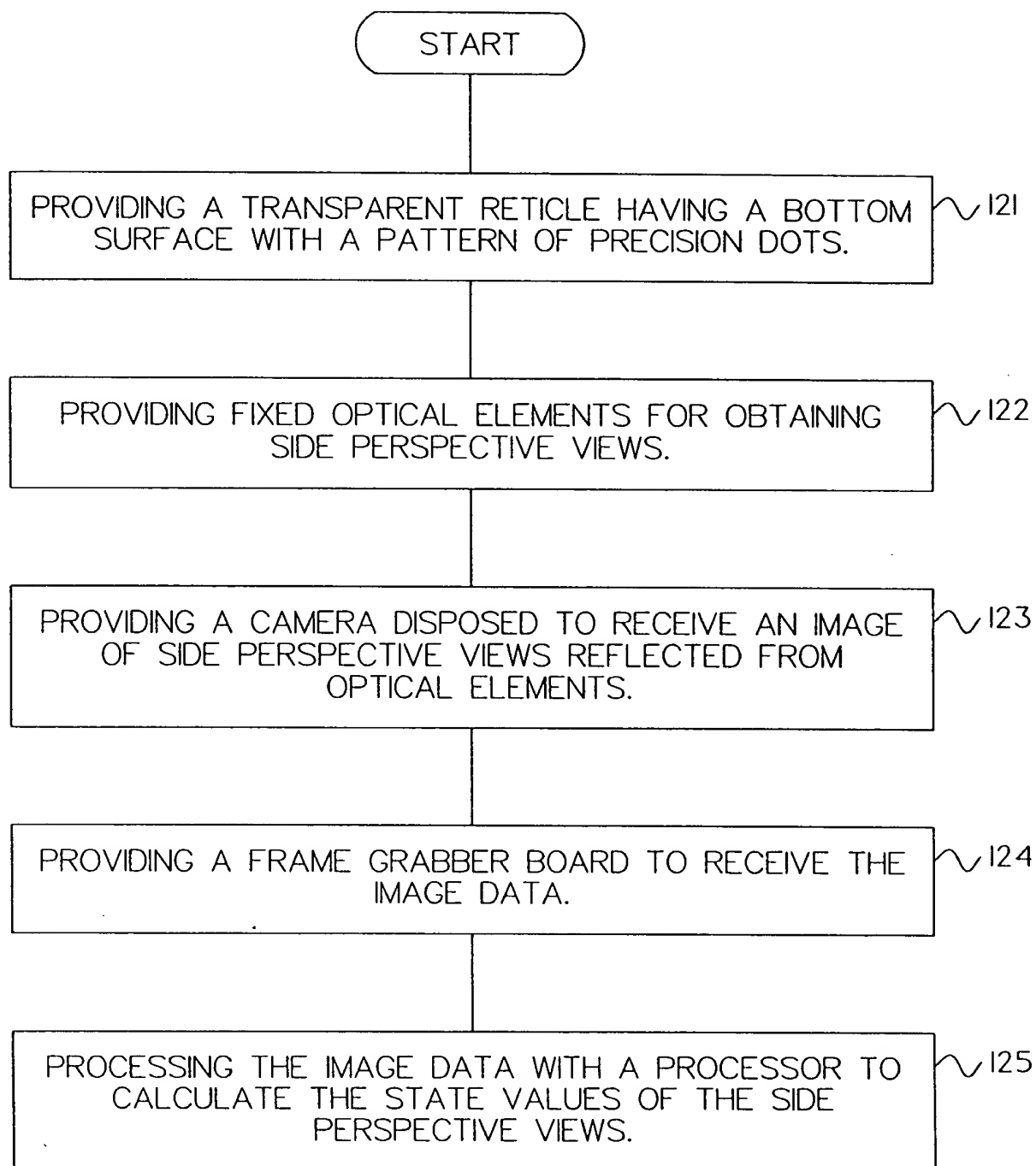


Fig- 2C

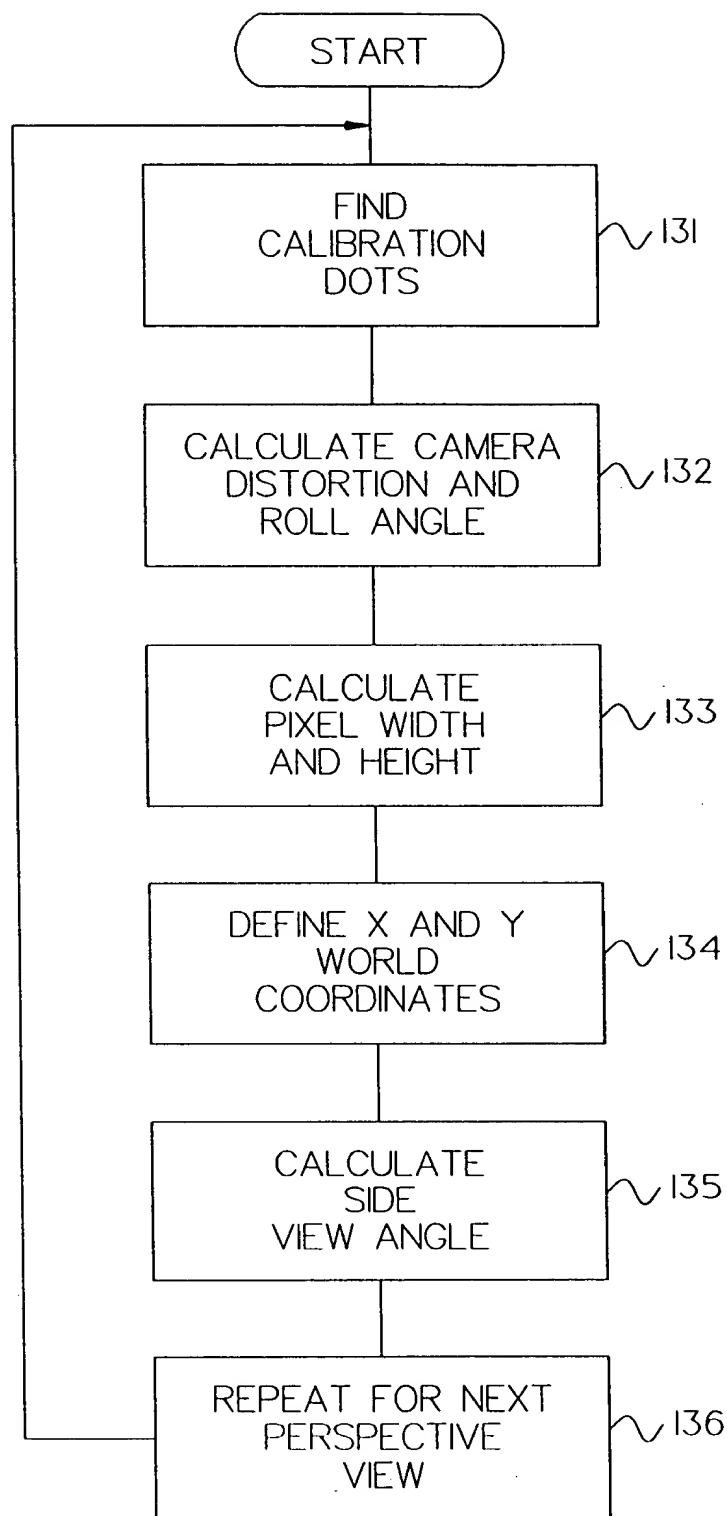


Fig. 2D

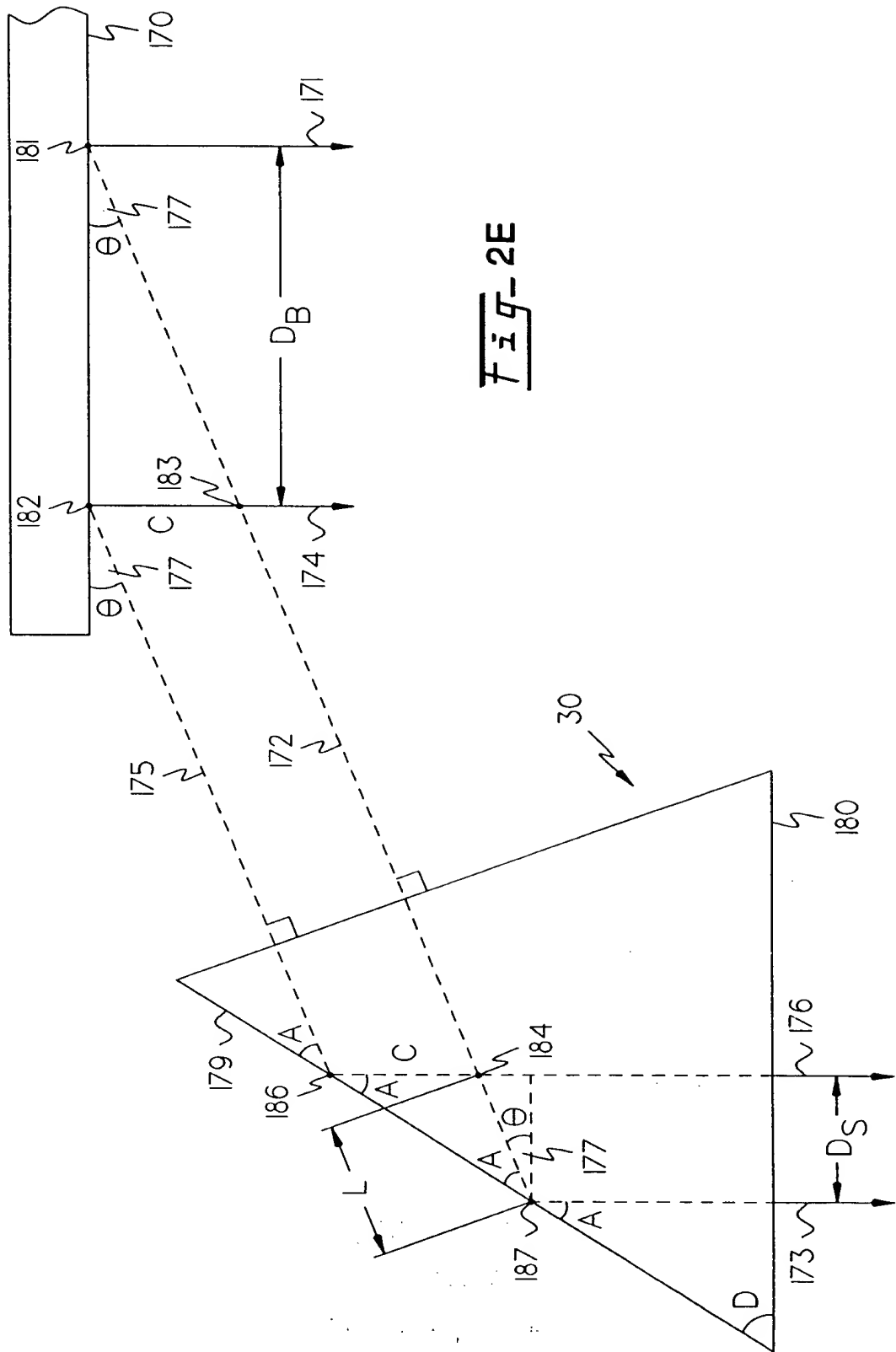


Fig-2E

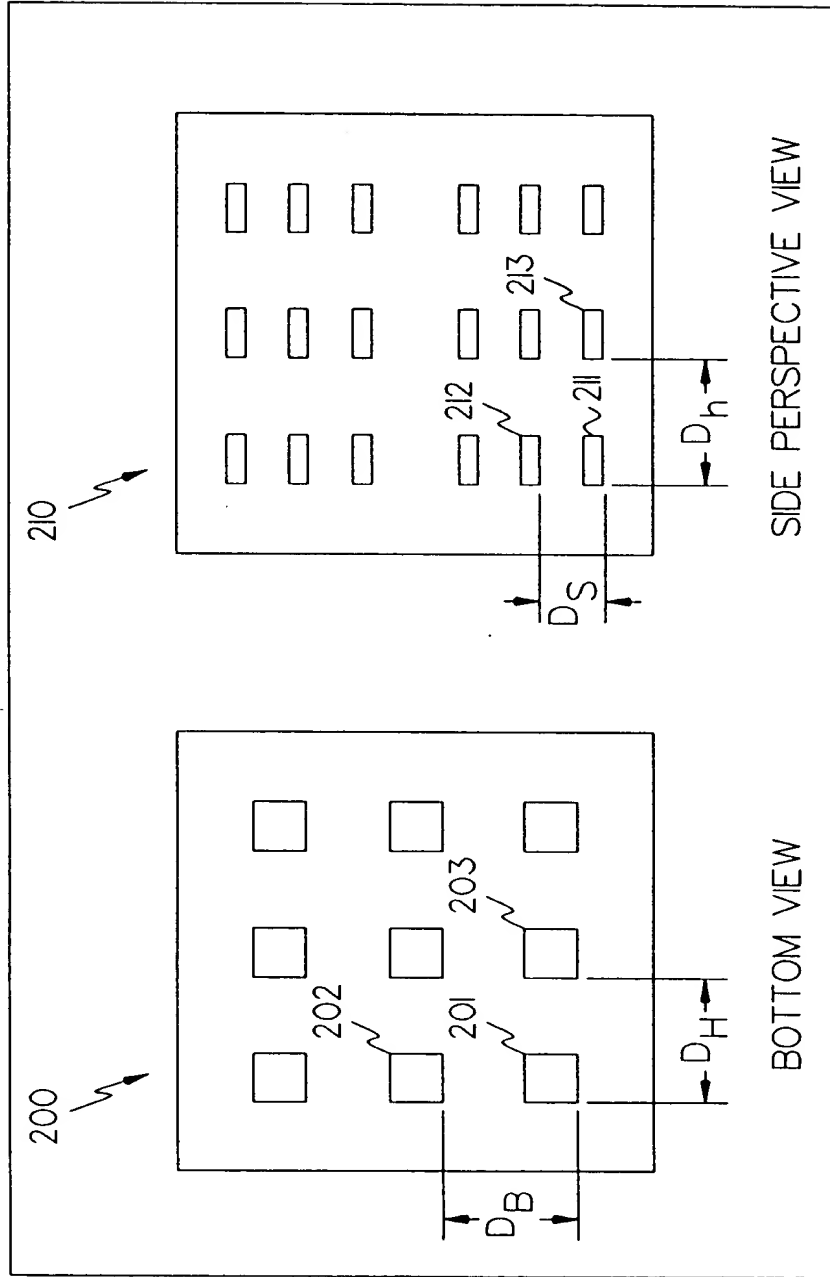
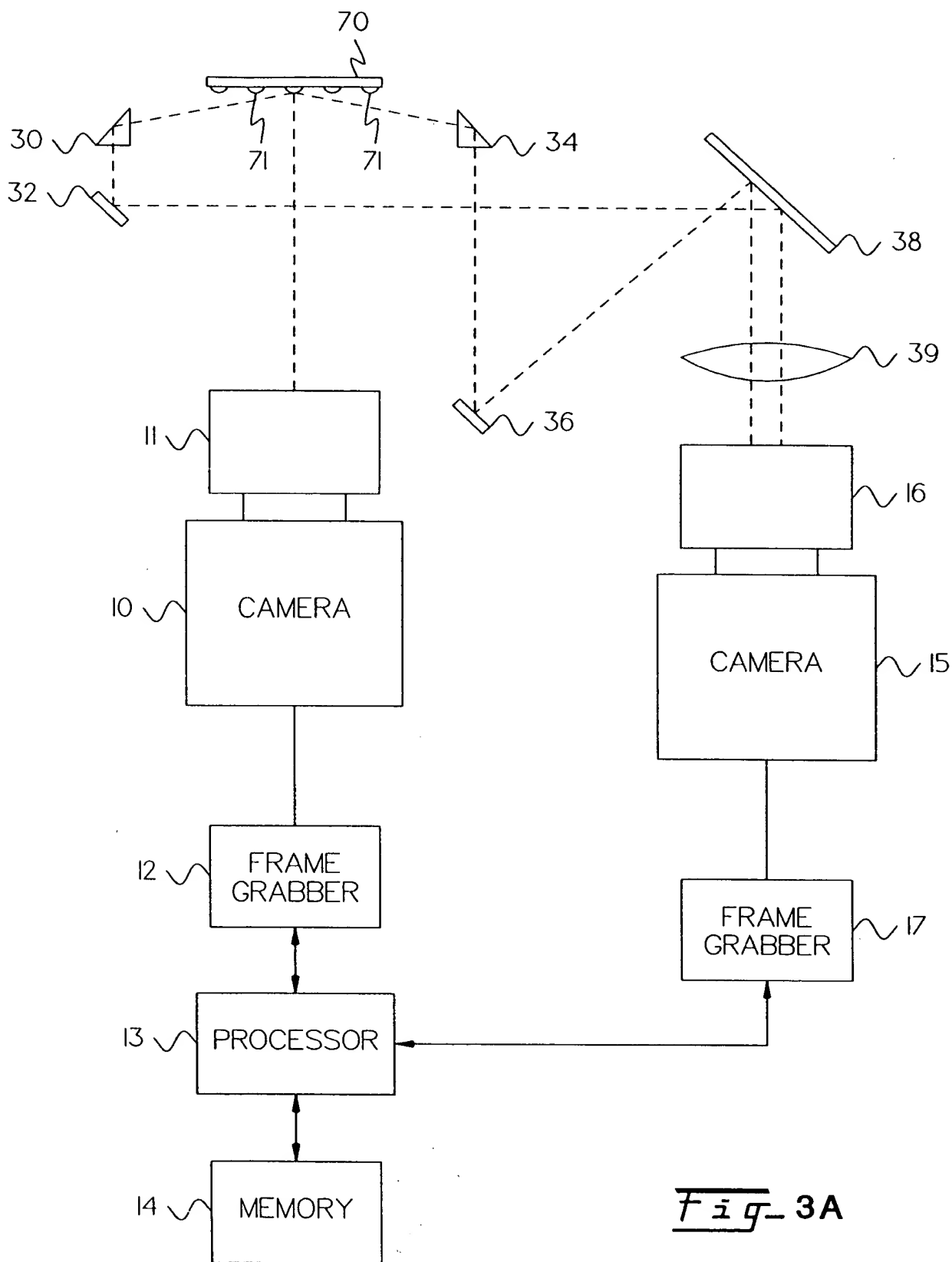
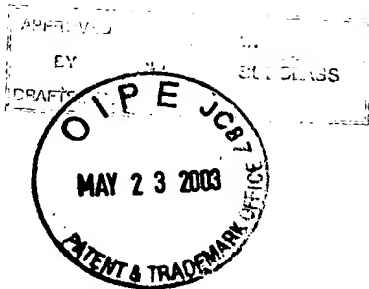


Fig-2F





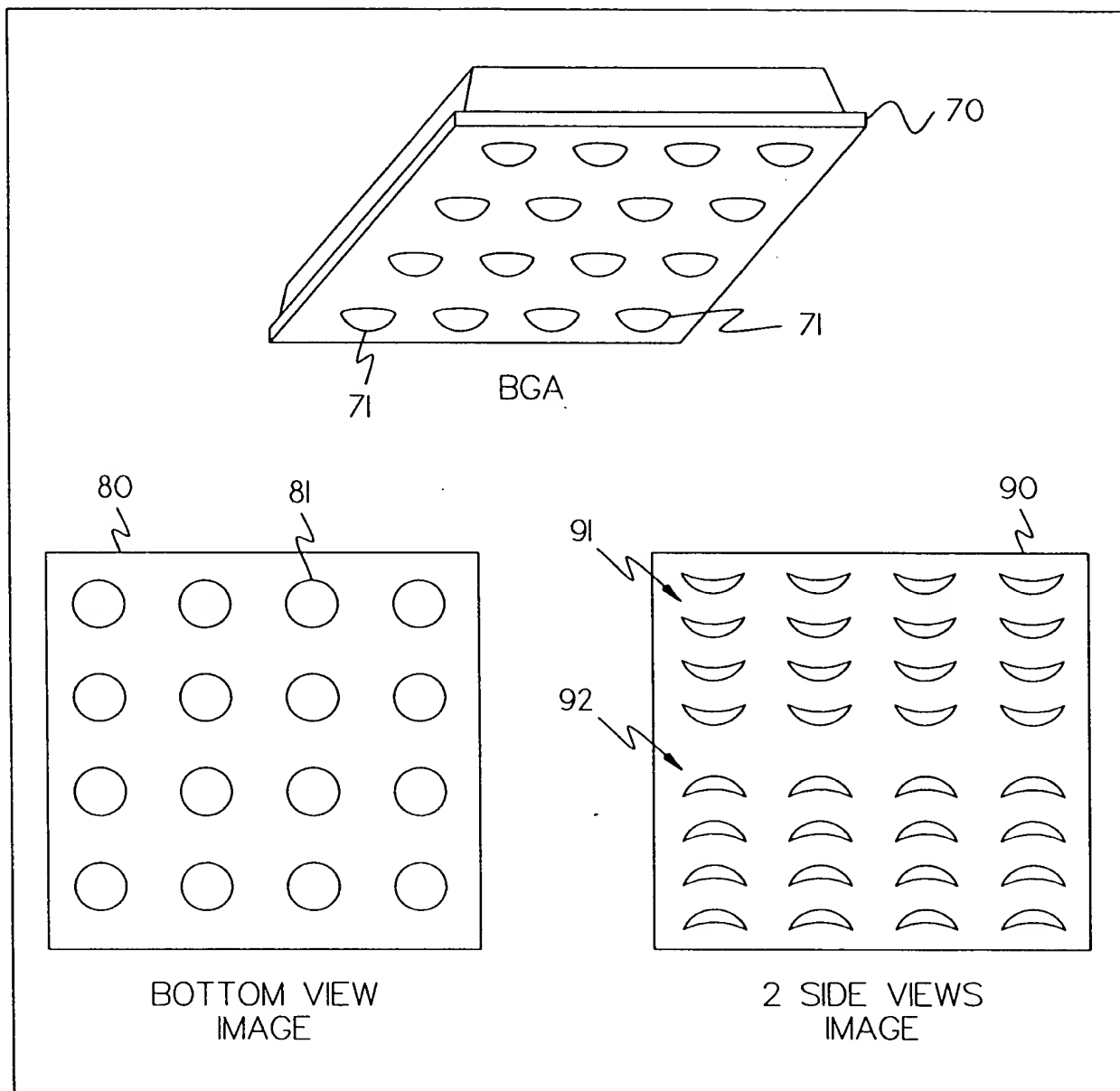
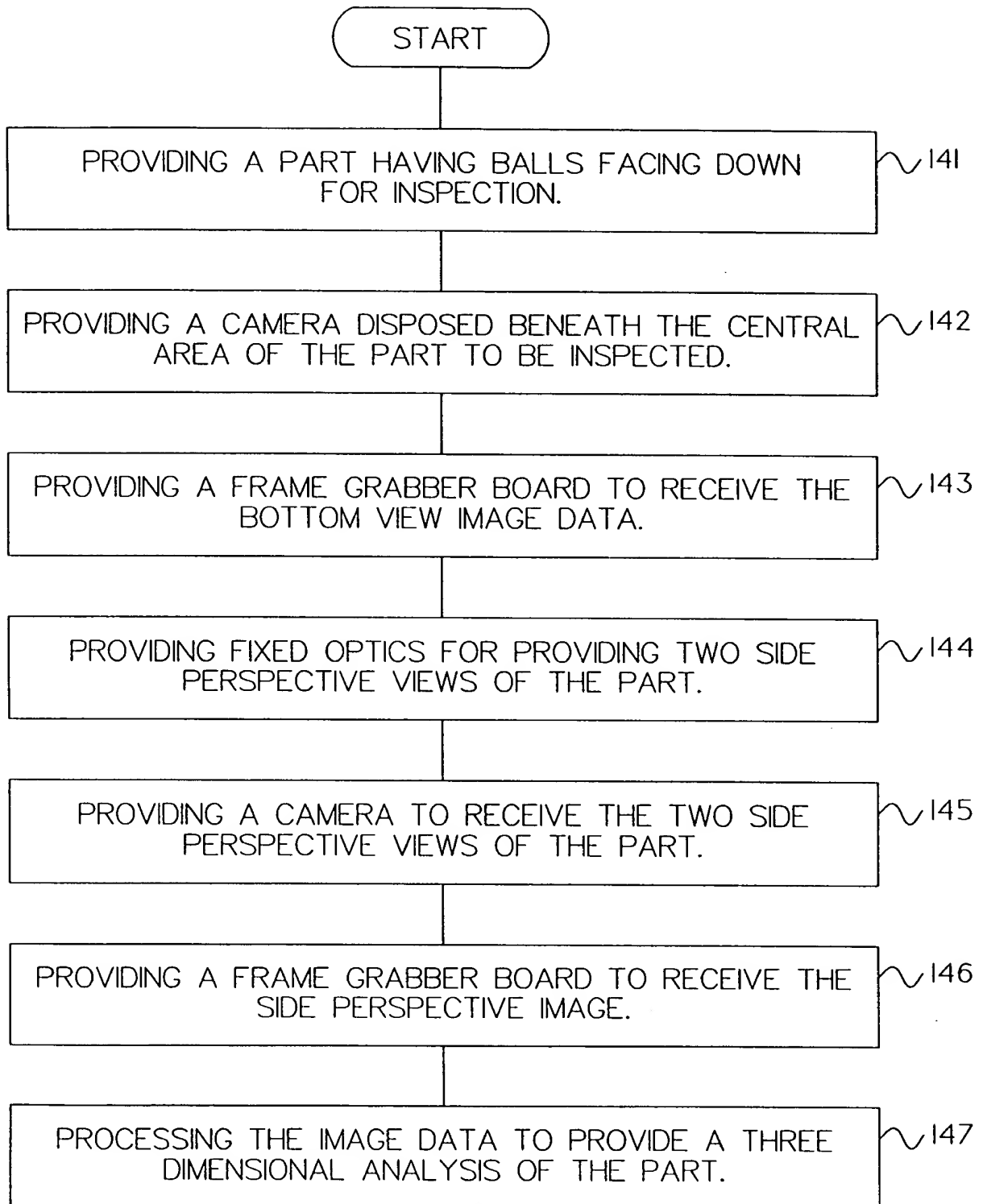


Fig- 3B



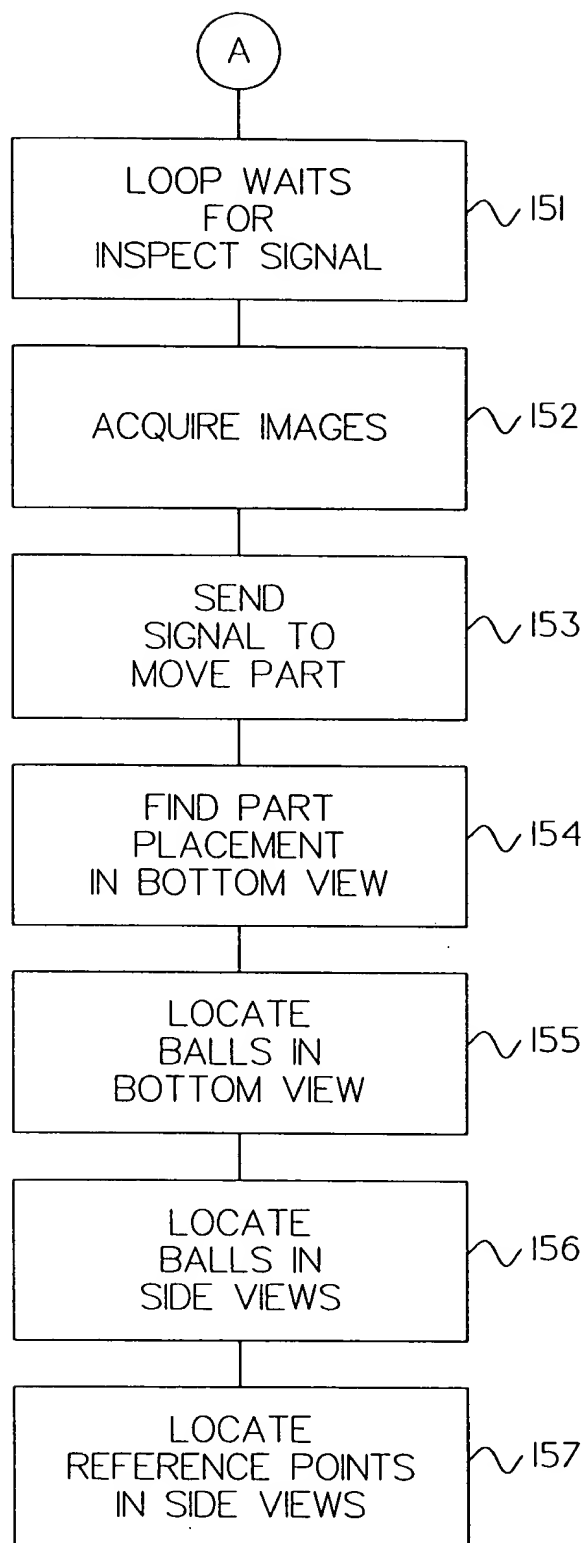


Fig- 5A

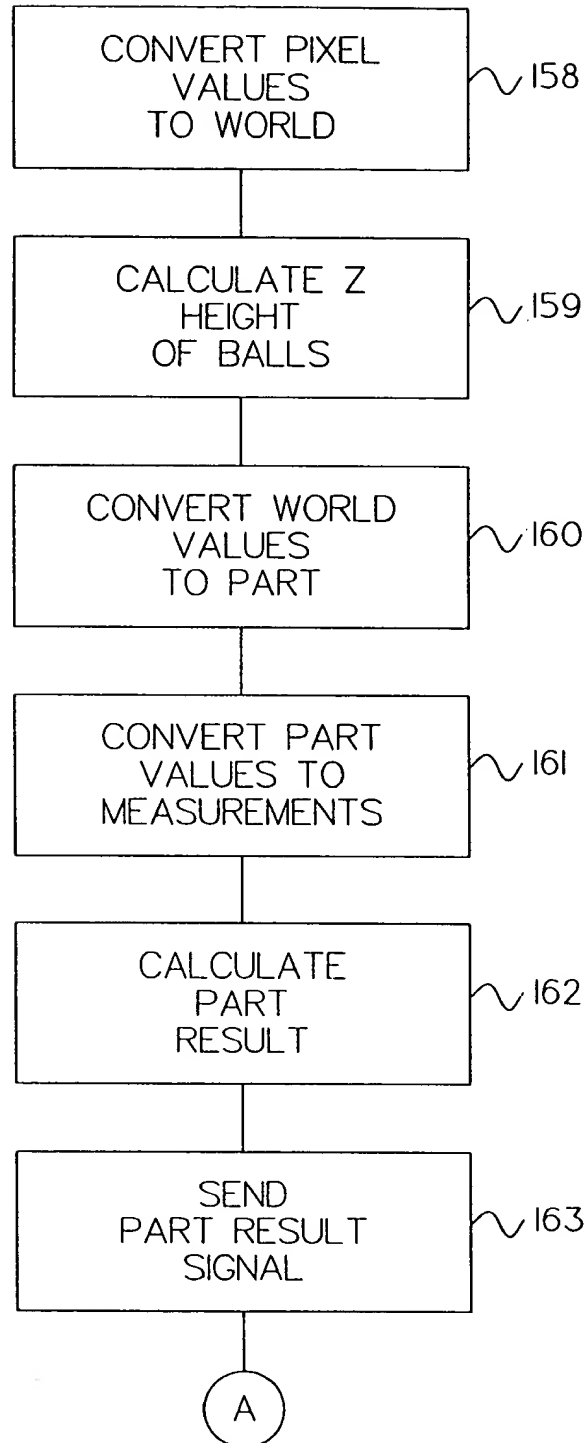
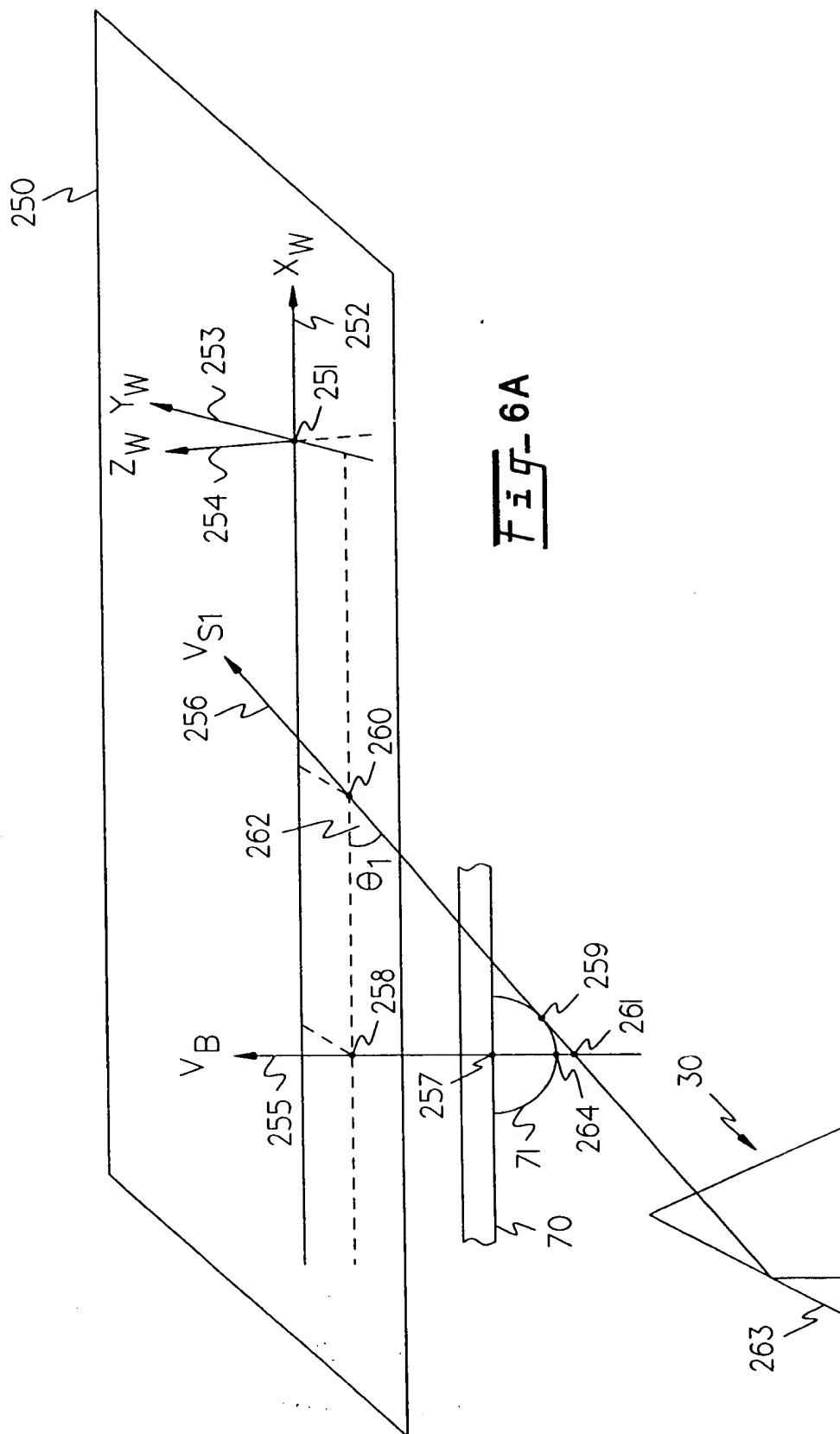


Fig- 5B



F i g - 6 A

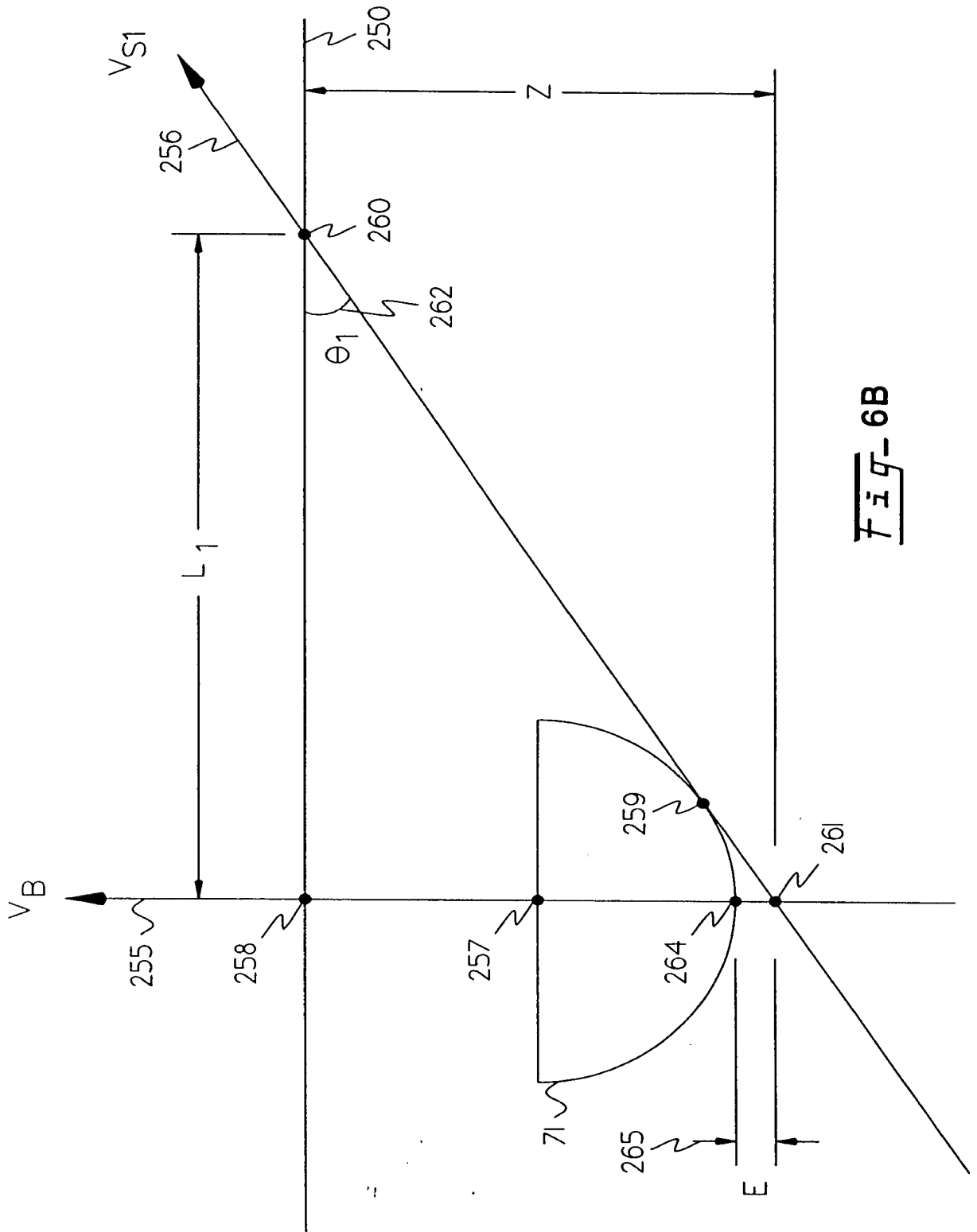
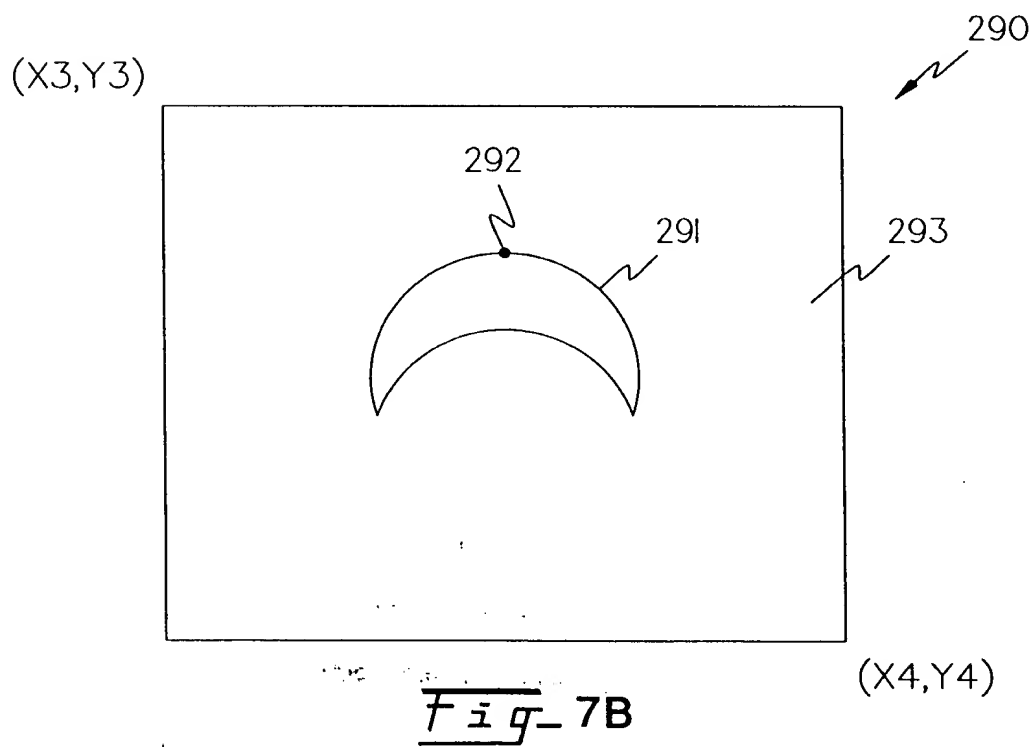
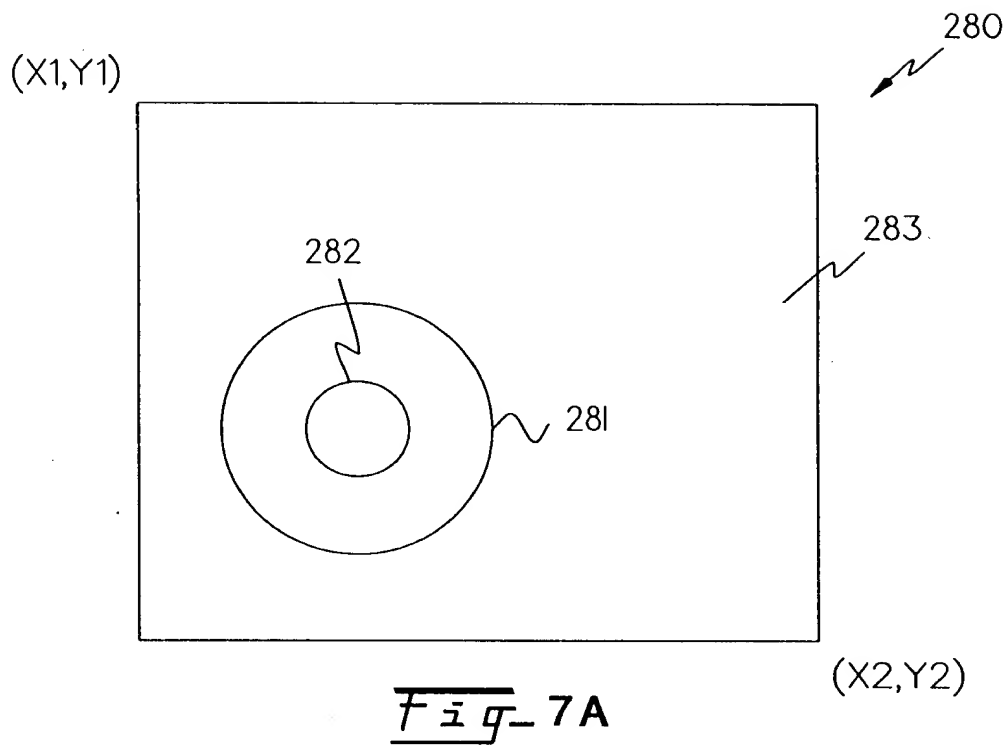


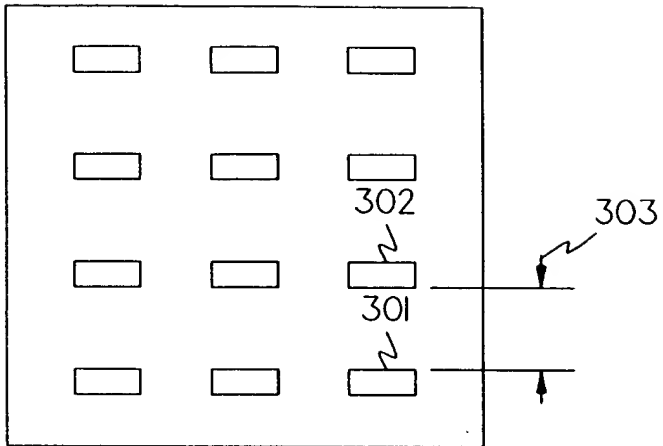
FIG-6B







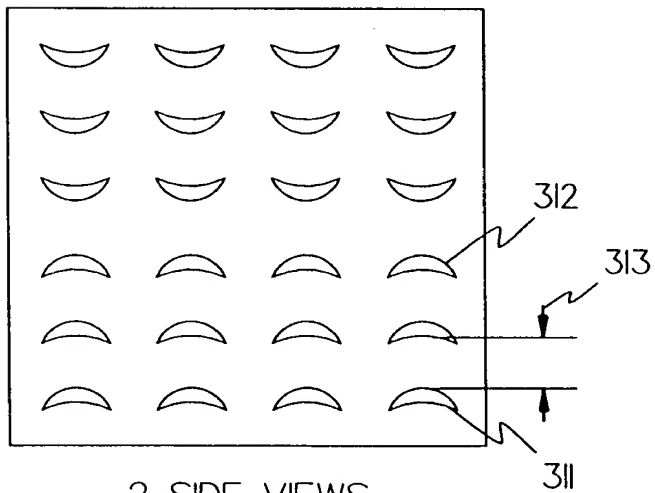
300 ↗



2 SIDE VIEWS  
CALIBRATION PATTERN

Fig- 8A

310 ↗

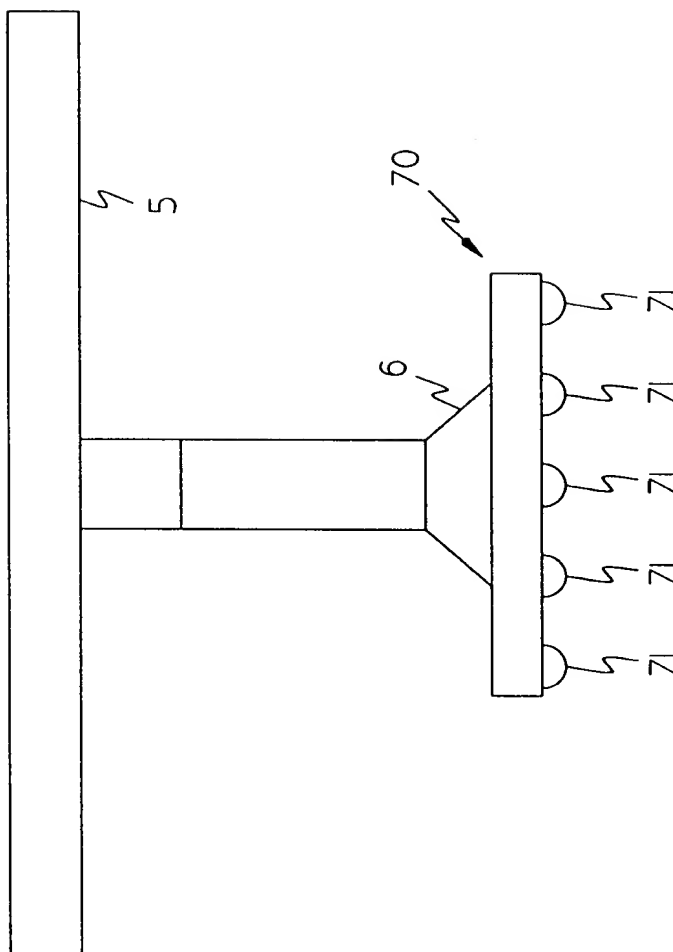


2 SIDE VIEWS  
BALLS

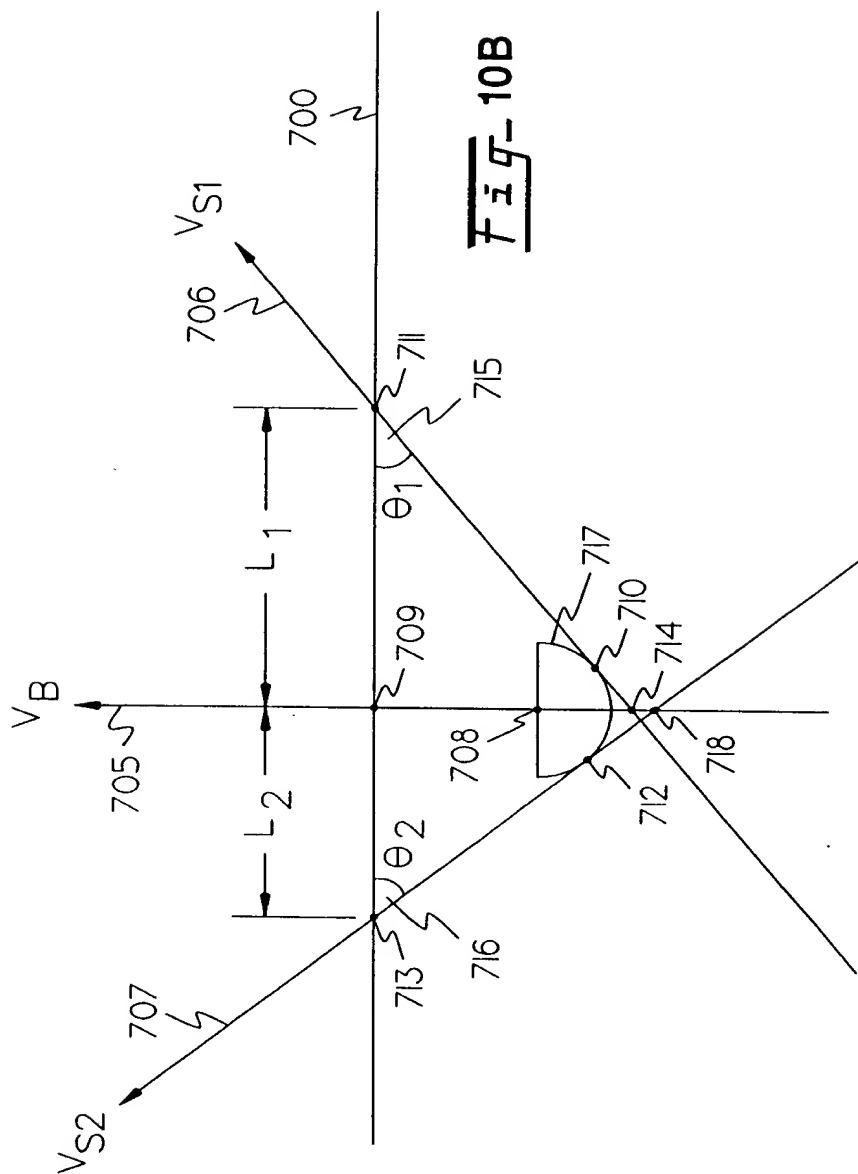
Fig- 8B



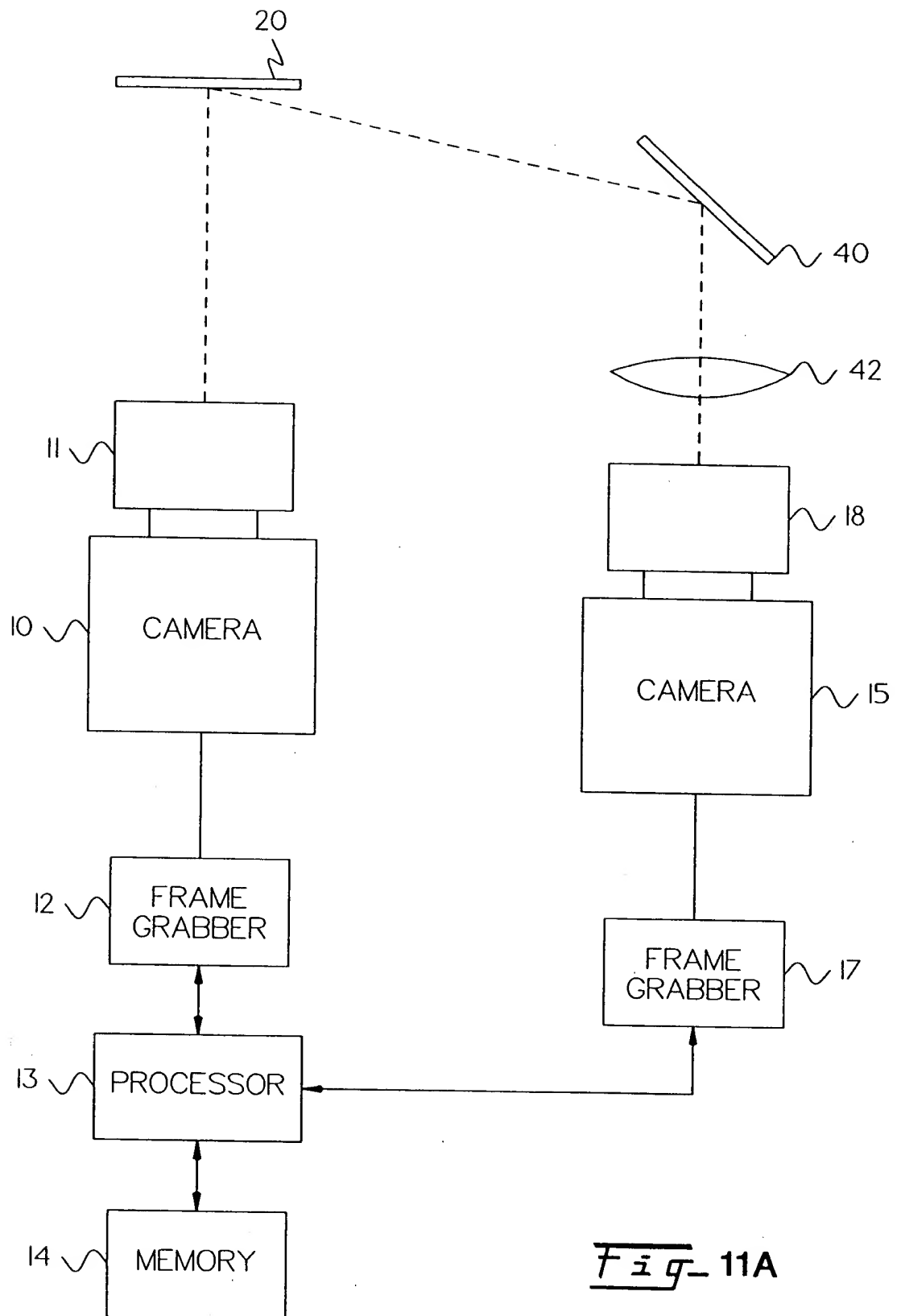
Fig-9







**Fig-10B**



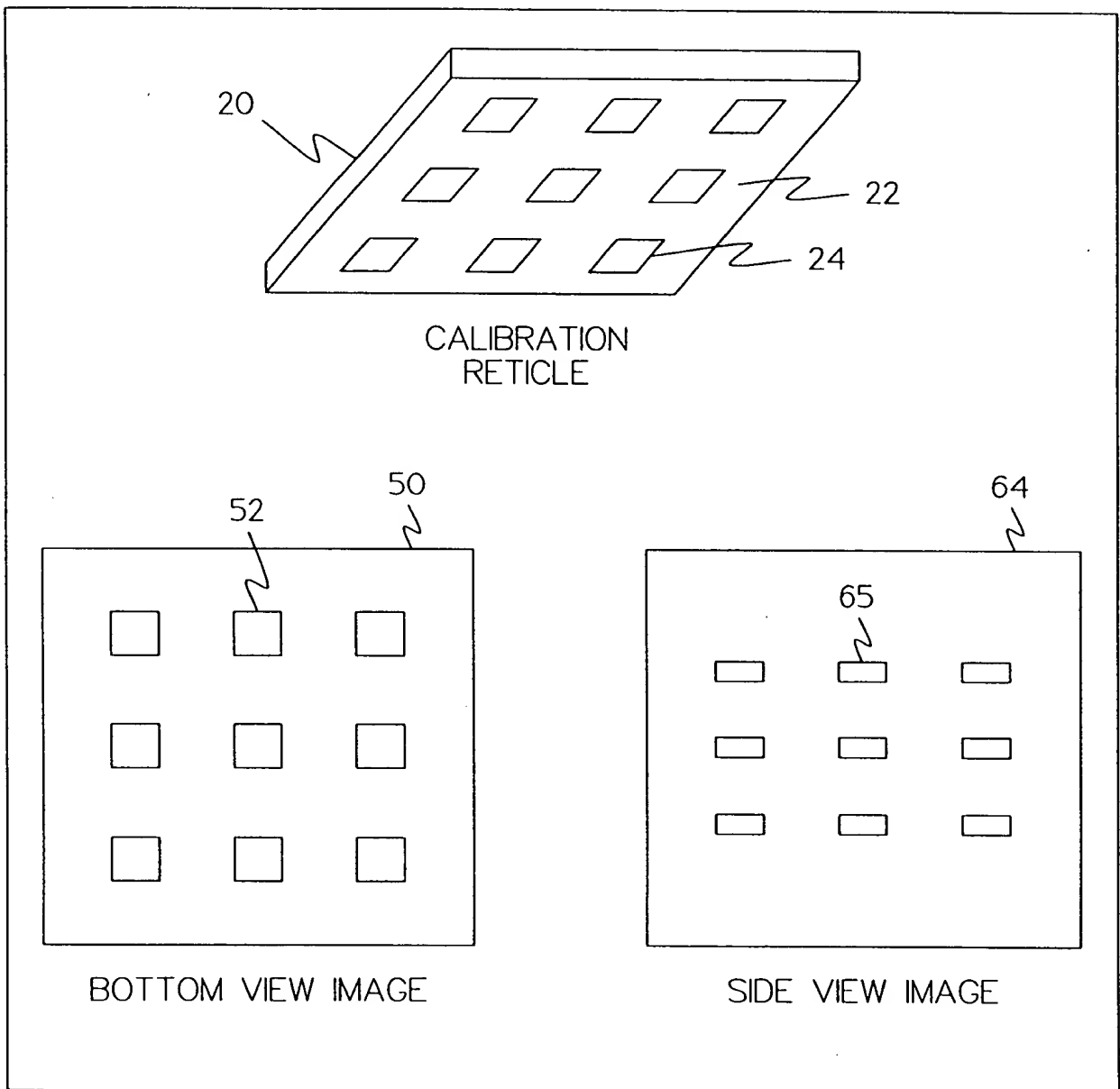
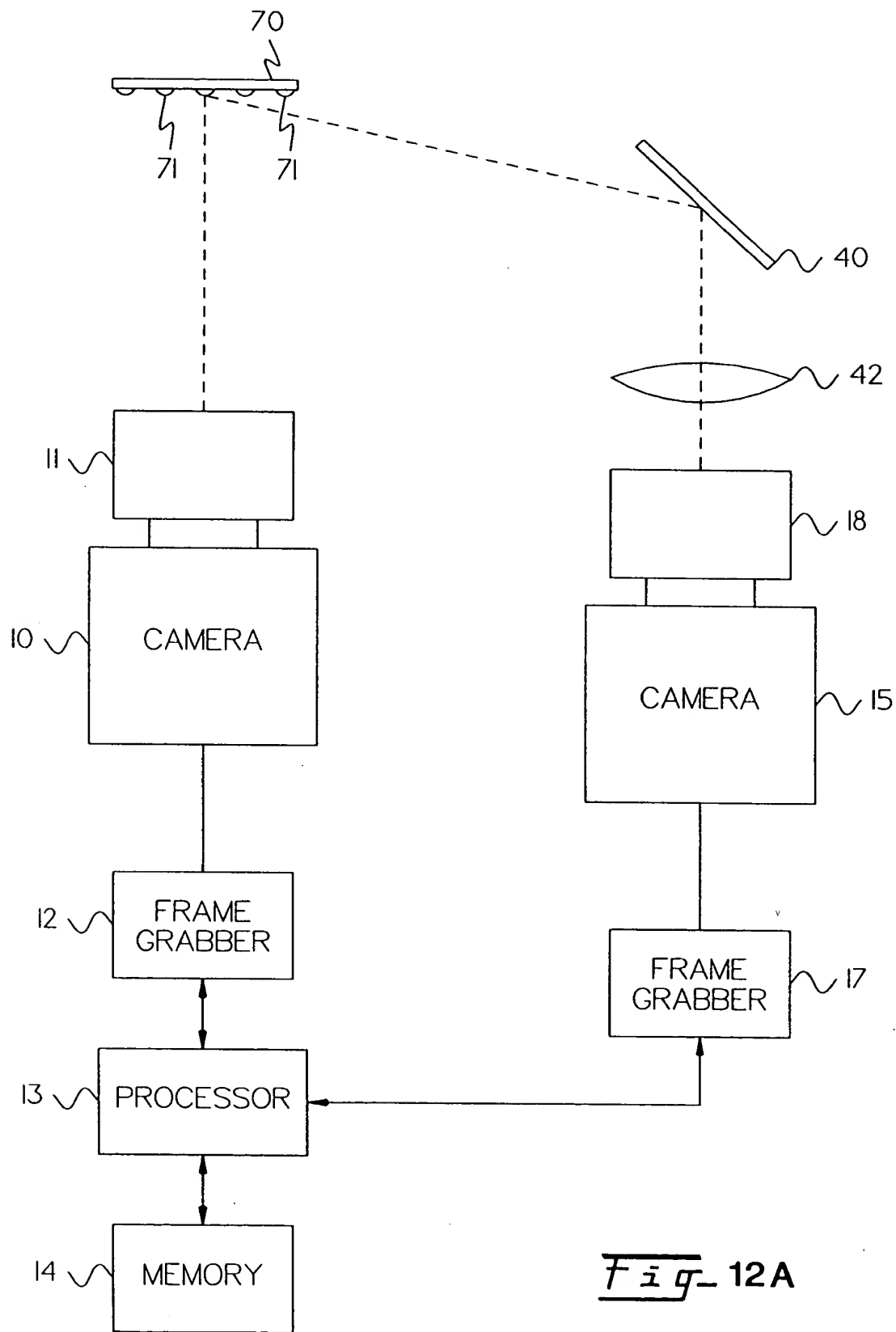


Fig. 11B



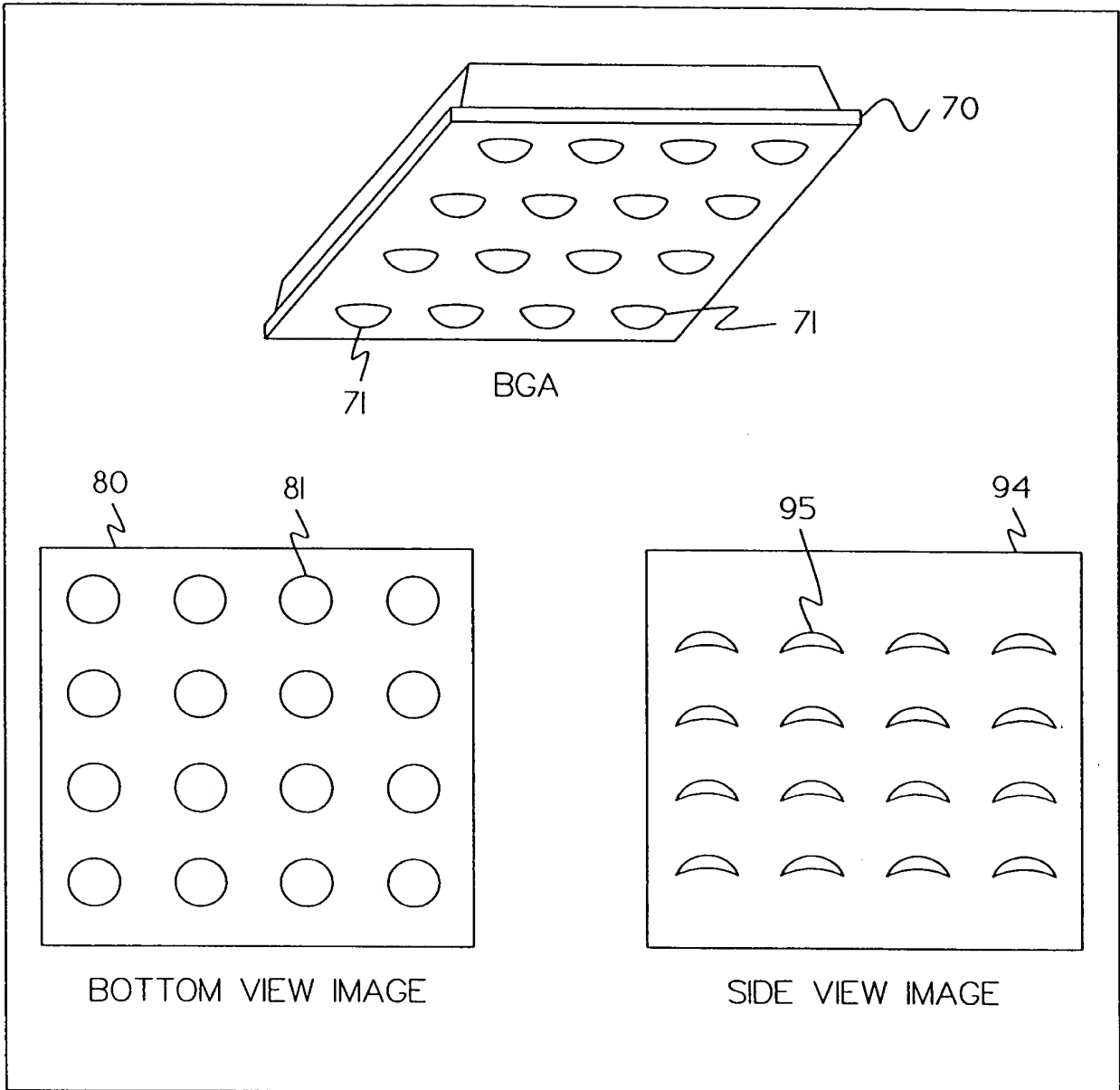
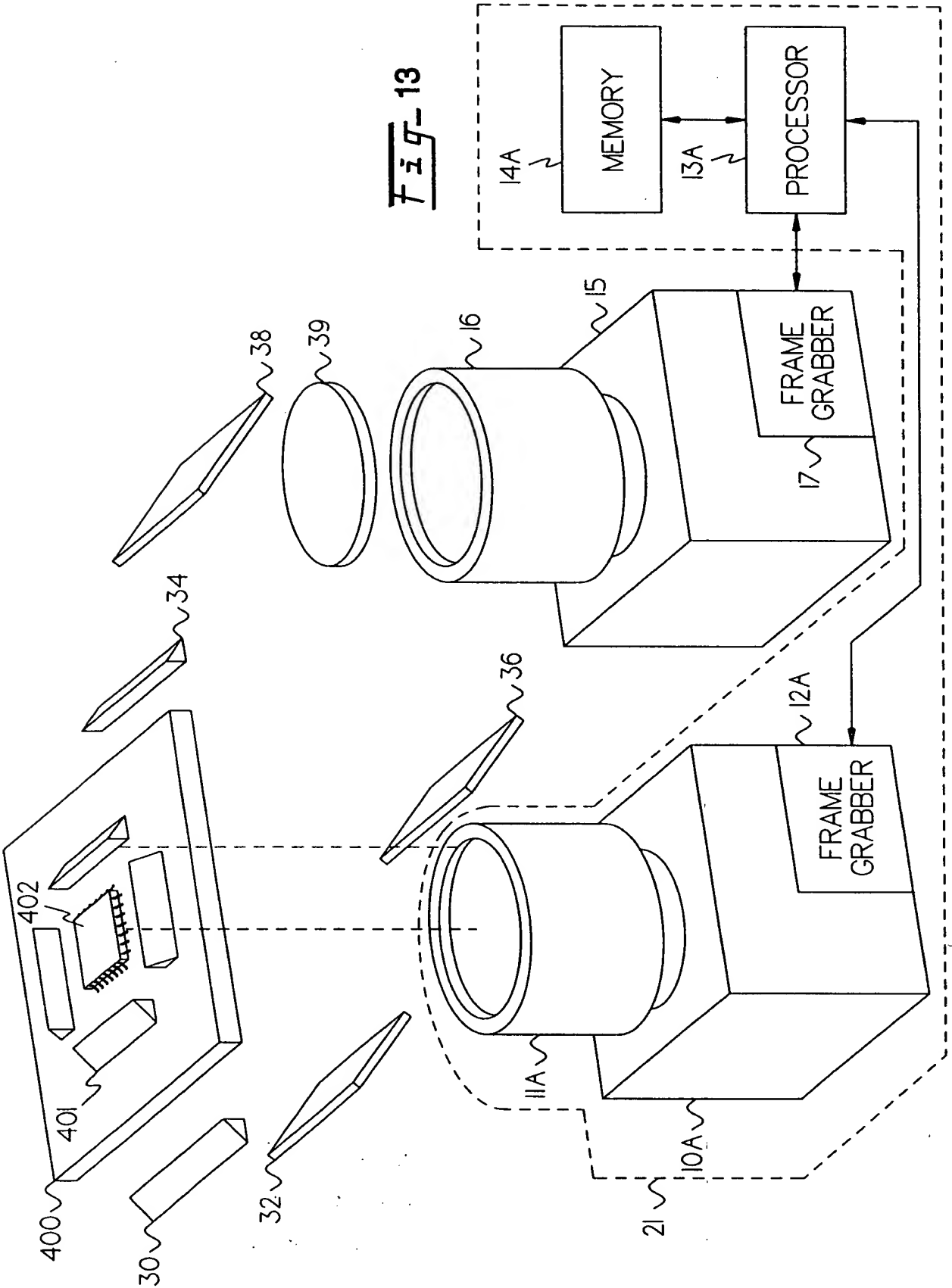
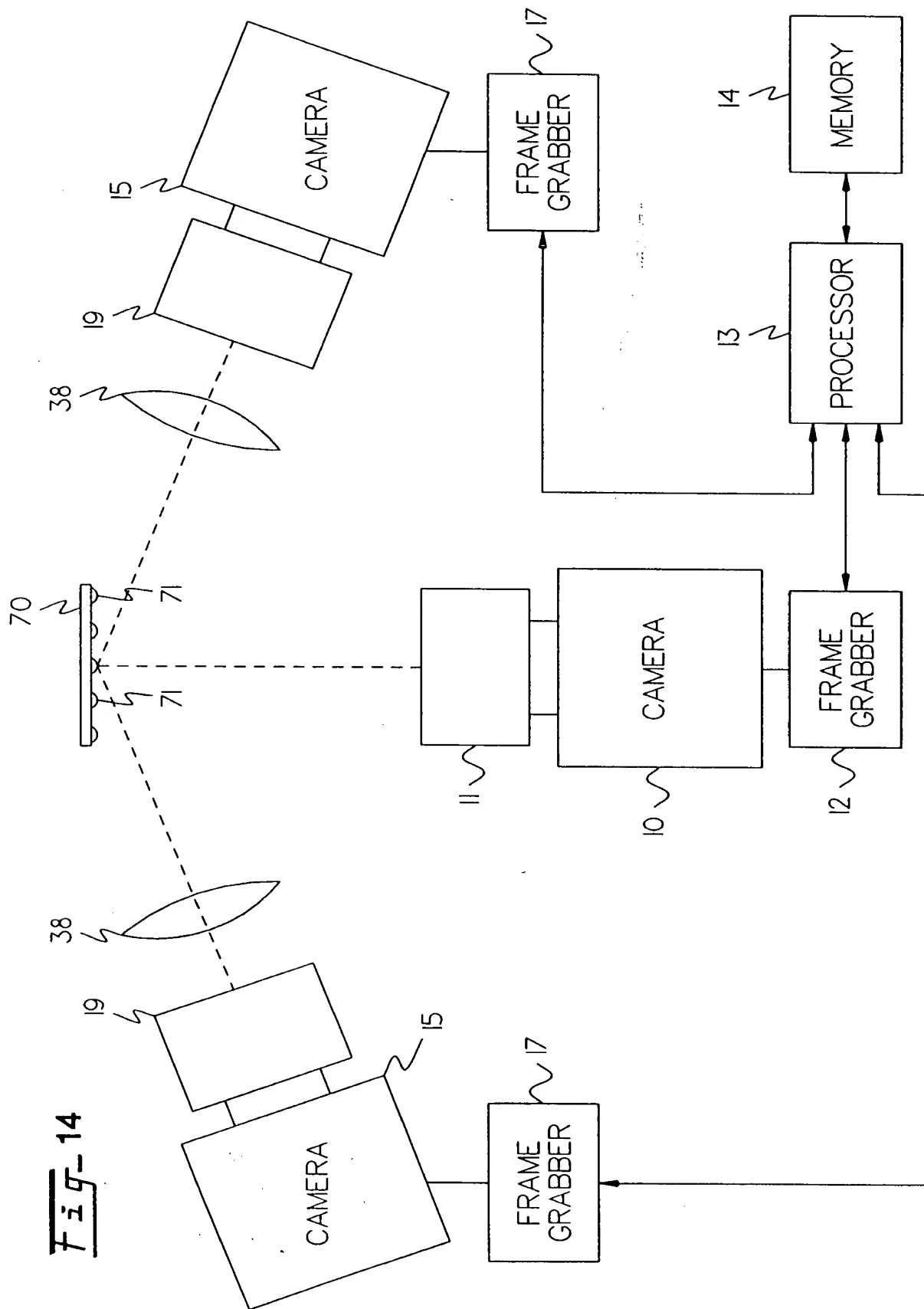


Fig. 12B







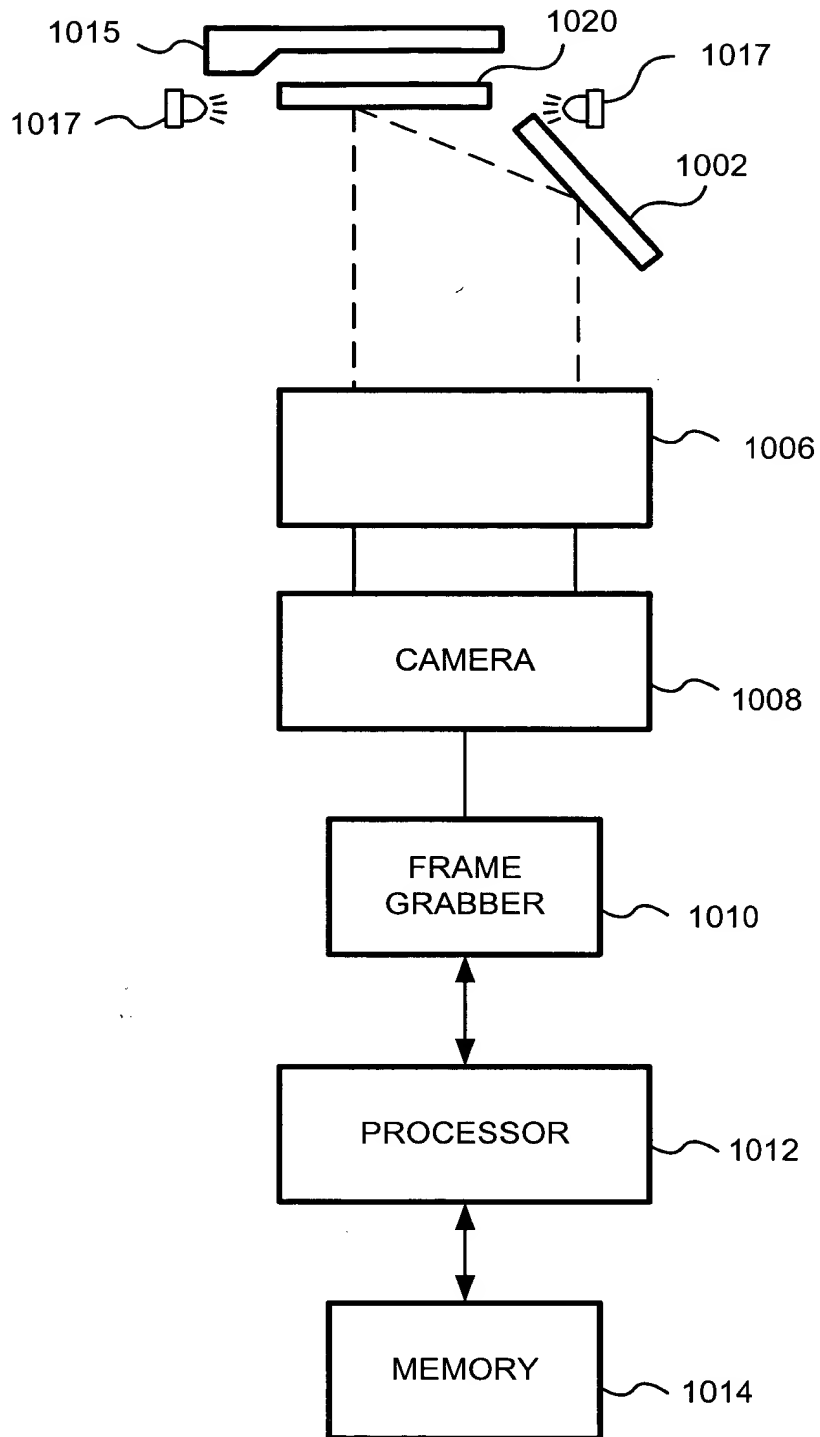
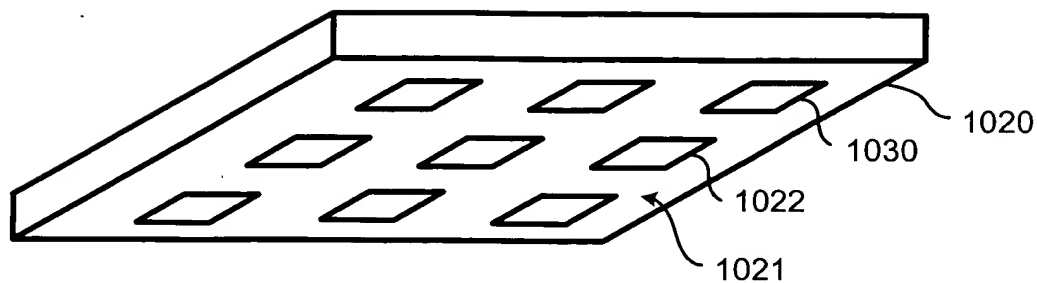
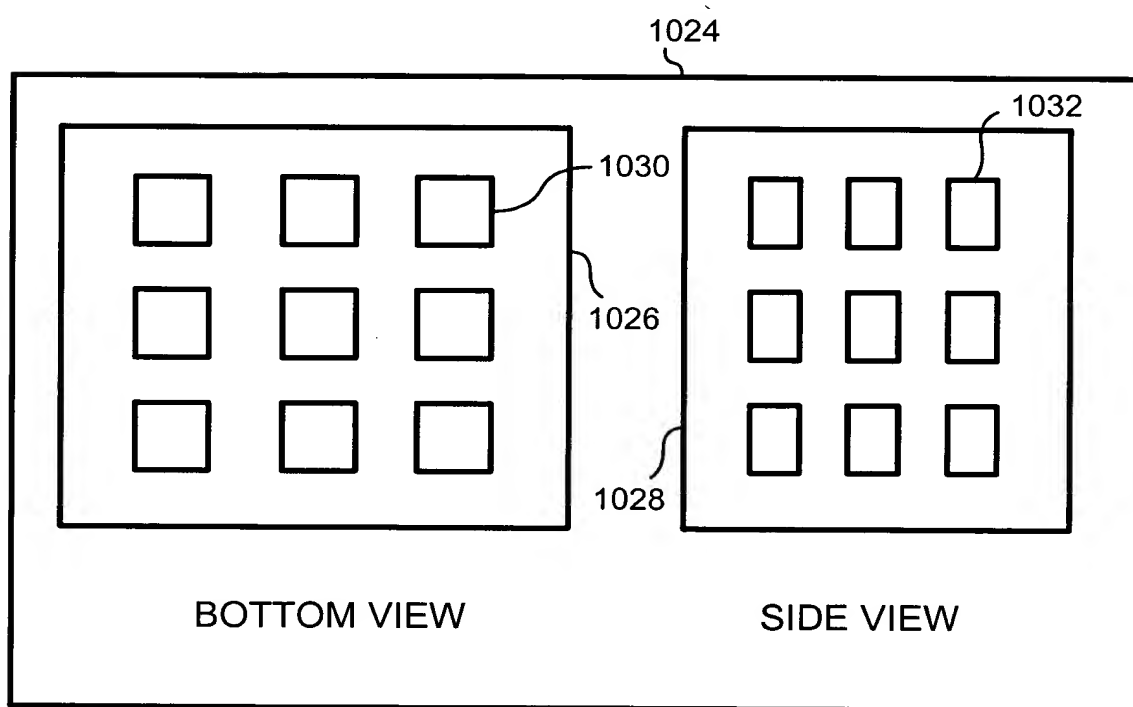


FIG. 15



CALIBRATION RETICLE

FIG. 16A



IMAGE

FIG. 16B

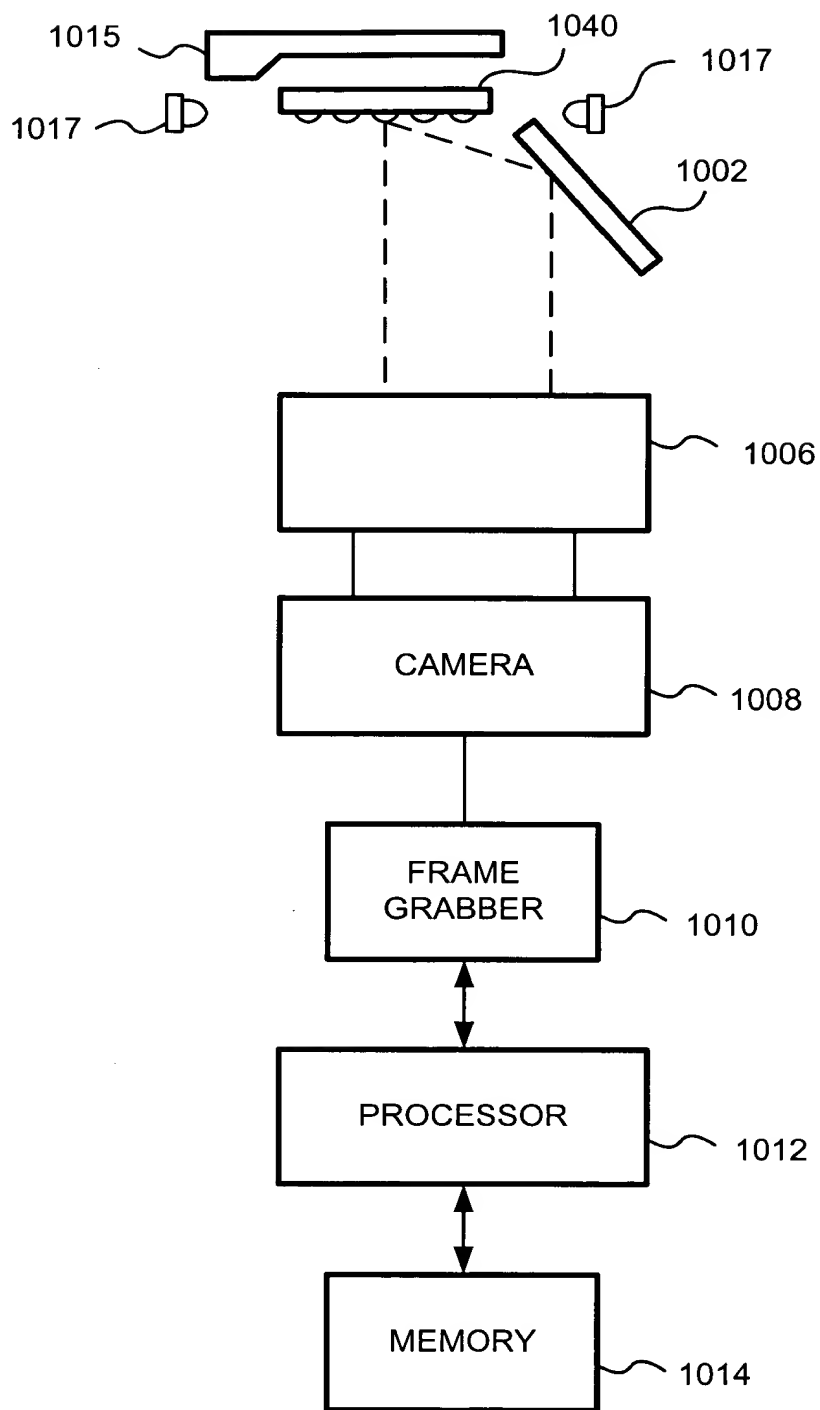
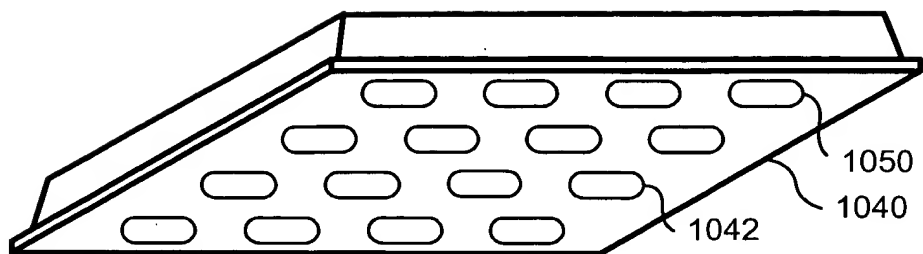
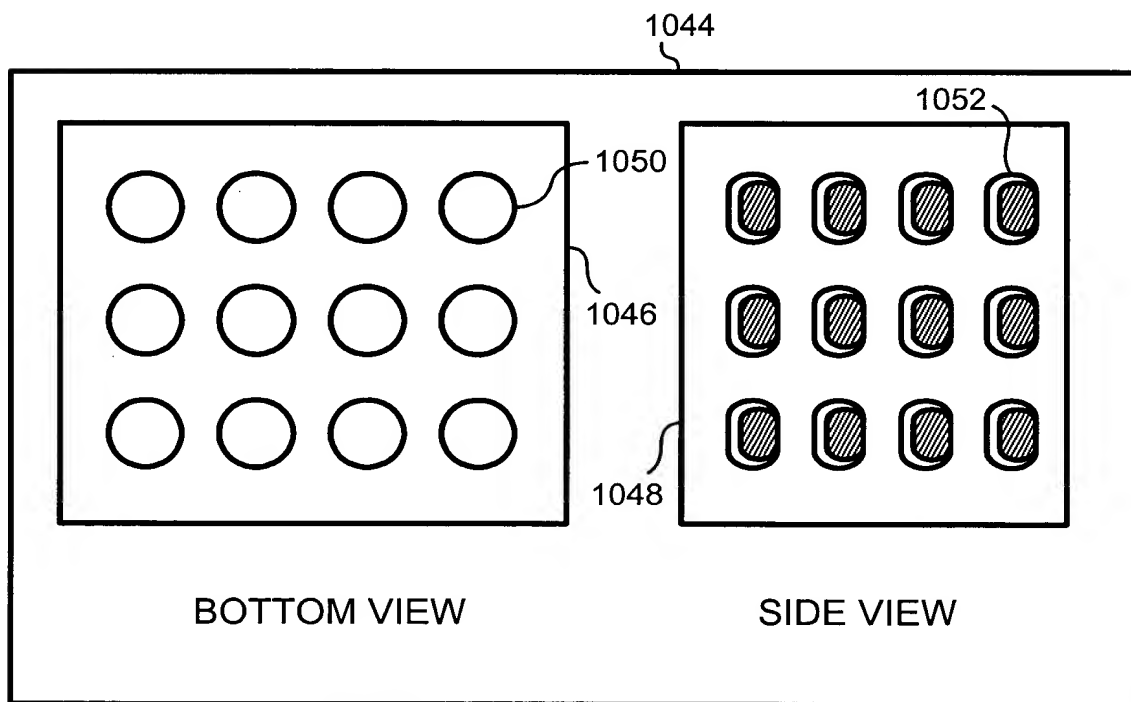


FIG. 17



BGA

FIG. 18A



IMAGE

FIG. 18B